

Amendments to the Claims:

1-18. (Cancelled)

19. (Currently amended) A method for delivering a therapeutic agent to a tumor site in a subject, comprising:

administering parenterally to a subject a composition comprising perfluorobutane-filled microbubbles containing an antiproliferative chemotherapeutic agent, wherein the microbubbles are ~~formed by encapsulation with human serum albumin~~ encapsulated with a filmogenic fluid, the fluid being an aqueous solution or suspension of human serum albumin and, optionally, a polysaccharide; and

allowing the agent to be released at the tumor site without the use of external stimulation.

20. (Previously presented) The method of claim 19, wherein the chemotherapeutic agent is selected from the group consisting of rapamycin, paclitaxel, docetaxel, tacrolimus, and active analogs, derivatives or prodrugs of these compounds.

21. (Previously presented) The method of claim 20, wherein the chemotherapeutic agent is selected from the group consisting of rapamycin, paclitaxel, and docetaxel.

22. (Previously presented) The method of claim 19, wherein the chemotherapeutic agent is selected from the group consisting of cisplatin, carboplatin, etoposide, tamoxifen, methotrexate, 5-fluorouracil, adriamycin, daunorubicin, doxorubicin, amsacrine, mitotane, topotecan, tretinoin, hydroxyurea, procarbazine, carmustine, mechlorethamine hydrochloride, cyclophosphamide, ifosfamide, chlorambucil, melphalan, busulfan, thiotepa, carmustine, estramustine, dacarbazine, omustine, streptozocin, vincristine, vinblastine, vinorelbine, vindesine, fludarabine, fluorodeoxyuridine, cytosine arabinoside, cytarabine, azidothymidine, cysteine arabinoside, azacytidine, mercaptopurine, thioguanine, cladribine, pentostatin, arabinosyl adenine, dactinomycin, daunorubicin, doxorubicin, amsacrine, idarubicin, mitoxantrone, bleomycin, plicamycin, ansamitomycin, mitomycin, aminoglutethimide, and flutamide.

23. (Previously presented) The method of claim 22, wherein the chemotherapeutic agent is selected from the group consisting of cisplatin, carboplatin, etoposide, tamoxifen, methotrexate, 5-fluorouracil, adriamycin, daunorubicin, doxorubicin, vincristine, and vinblastine.

24. (Previously presented) The method of claim 19, wherein the microbubbles have a diameter of between 0.1 to 10.0 microns.